



Ohio Board of Nursing

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Interpretive Guideline

Title: Registered Nurse Care of Patients Receiving Intravenous Moderate Sedation for Medical and/or Surgical Procedures.

The registered nurse responsible for monitoring the patient during the procedure should not engage in other activities that would divert the nurse's attention from the patient.

Moderate sedation/analgesia is a drug-induced depression of consciousness during which patients respond purposefully to verbal commands, either alone or accompanied by light tactile stimulation. Reflex withdrawal from a painful stimulus is NOT considered a purposeful response. This definition, recognized by the American Association of Nurse Anesthetists and the American Society of Anesthesiologists, is utilized for the purpose of this Interpretive Guideline.

This Interpretive Guideline is not meant to include the provision of nursing care within a medical mobile transport unit and in clinical circumstances where the patient is intubated, or is being emergently intubated, and ventilated.

Guidelines for Registered Nurse administration of medications, and monitoring of patients receiving intravenous moderate sedation for medical/surgical procedures (Section 4723.01(B) Ohio Revised Code (ORC)):

The scope of practice for registered nurses may include administration of sedating medications for purposes of providing procedural moderate sedation, and monitoring the sedated patient prior to, during and after the procedure, in circumstances where the safety and well being of the patient can be ensured through a supportive clinical environment that contains appropriate monitoring capabilities and the availability of the necessary health care personnel and equipment to address complications.

The administration of the sedating medication and monitoring of the sedated patient may be within the scope of registered nursing practice if the following guidelines are observed:

- A. The registered nurse may execute the moderate sedation regimen with a valid authorized provider order. An authorized provider is an individual who is authorized to practice in this state and is acting within the course of the of the individual's professional practice which includes adherence to the institution's credentialing requirements for the provider to perform moderate sedation procedures, or Office Based

Surgery according to Chapter 4731-25, Ohio Administrative Code (OAC):

1. The registered nurse, who has acquired the necessary knowledge and competency, may administer an anesthetic agent for the purpose of moderate sedation in the presence of the authorized provider who:
 - a. Has institutional privileges/credentials to utilize anesthetic agents for procedural moderate sedation or
 - b. Who adheres to Chapter 4731-25, OAC, Office Based Surgery.
 2. The registered nurse may administer other sedating medications, those that are not classified as anesthetic agents, taking into consideration:
 - a. The patient's safety,
 - b. The effects of the medication, and
 - c. Other clinical support factors.
- B. In executing a nursing regimen, the registered nurse should:
1. Monitor the sedated patient's parameters including:
 - a. Hemodynamic measurements and status,
 - b. Respiratory parameters,
 - c. Mobility, and
 - d. Level of consciousness and perception of pain;
 2. Communicate changes in patient status to the authorized provider performing the procedure and to other appropriate personnel;
 3. Implement, as required, emergency measures to optimize the patient's respiratory and circulatory status until other qualified healthcare personnel assume care of the patient. This may include utilization of appropriate airway devices; and
 4. Maintain continuous intravenous access.

A registered nurse should not engage in activities that are the practice of anesthesia care and/or the practice of medicine and surgery in Ohio. Therefore, a registered nurse who does not hold an APRN License with the designation Certified Registered Nurse Anesthetist should not:

1. Administer medications to induce deep sedation and/or anesthesia.

“Deep sedation/analgesia’ means a drug-induced depression of consciousness during which patients cannot be easily aroused but respond purposefully following repeated or painful stimulation. The ability to independently maintain ventilatory function may be impaired. Patients may require assistance in maintaining a patent airway and spontaneous ventilation may be inadequate. Cardiovascular function is usually maintained;” (Rule 4731-25-01(C) OAC)

“General anesthesia’ means a drug-induced loss of consciousness during which patients are not arousable, even by painful stimulation. The ability to independently maintain ventilatory function is often impaired. Patients often require assistance in maintaining a patent airway, and positive pressure ventilation may be required because of depressed spontaneous ventilation or drug-induced depression of neuromuscular function. Cardiovascular function may be impaired;” (Rule 4731-25-01(D), OAC)

2. Independently select the medication or dosage to be administered during a procedure.

Considerations in the registered nurse's administration of sedating medications and monitoring of the sedated patient (Rule 4723-4-03, OAC):

1. The registered nurse providing care to patients receiving intravenous moderate sedation/analgesia should maintain documentation of his/her acquisition of education, demonstrated competency, and other documentation that ensures practice is in compliance with the standards of safe nursing practice.
2. The registered nurse's education/training and demonstrated competence should include the following:
 - a. Age-specific physiologic parameters that pertain to the patient's:
 - i. Oxygen delivery, transport and uptake;
 - ii. Airway management;
 - iii. Utilization of appropriate monitoring modalities, infusion devices, and emergency equipment; and
 - iv. Cardiac arrhythmia recognition and intervention;
 - b. Indications, contraindications, and potential complications related to moderate sedation/analgesia including recognition of deep sedation;
 - c. Pharmacology pertaining to age-appropriate and weight-appropriate medications used for moderate sedation/analgesia and their respective reversal agents; and
 - d. Registered nurse responsibilities prior to, during and following the procedure that requires moderate sedation/analgesia as defined in employer/institutional policy.

Accountability and Responsibility of Nurses

Section 4723.01(B) ORC, defines the scope of practice for the registered nurse. Rule 4723-4-03, OAC, holds registered nurses responsible for maintaining and demonstrating current knowledge, skills, abilities, and competence in rendering nursing care within their scope of practice.

The registered nurse must apply the Nurse Practice Act (Chapter 4723, ORC) and rules regulating the practice of nursing (Chapters 4723-1 to 4723-27, OAC) to the specific practice setting. Further, the registered nurse must utilize good professional judgment in determining whether or not to engage in a given patient-care related activity, consistent with the law and rules, and guided by the Board *RN and LPN Decision Making Model*. It is critical to note that the law and rules require that the licensee provide nursing care only in circumstances that are consistent with their education, experience, knowledge, and demonstrated competency.

In this statement the Board does not announce a new rule but instead gives licensees specific guidelines regarding their obligations under existing law.

Licensees should review the following:

Section 4723. 01, ORC

Rule 4723-4-03, OAC

Rule 4723-4-06, OAC

Chapter 4731-25, OAC (Office Based Surgery)

Utilizing Interpretive Guidelines

A complete copy of the Nurse Practice Act and the rules adopted thereunder are available for review and download from the Board of Nursing website: www.nursing.ohio.gov on the Law and Rules page. All Interpretive Guidelines and the Utilizing Interpretive Guidelines document are available on the Practice RN and LPN page.

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